

## CLAIMS

What is claimed is:

- 1    1.    A method comprising:  
2        breaking each of at least two operative instruction streams into a plurality of  
3                parts;  
4        interleaving the parts into a new instruction stream.
- 1    2.    A method as in claim 1 further comprising:  
2        inserting into the new instruction stream an obfuscation code that interrelates  
3                the parts from the operative instruction streams.
- 1    3.    A method as in claim 1 further comprising:  
2        transforming at least one of the parts after said breaking and before said  
3                interleaving.
- 1    4.    A method as in claim 3 wherein said transforming is such that the new  
2        instruction stream performs at least the same logical operations of one of the  
3        operative instruction streams.
- 1    5.    A method as in claim 1 further comprising:  
2        transforming one of the operative instruction streams before said breaking.
- 1    6.    A method as in claim 1 wherein two of the operative instruction streams are  
2        the same.

- 1    7.    A digital processing system comprising:  
2        means for breaking each of at least two operative instruction streams into a  
3                plurality of parts;  
4        means for interleaving the parts into a new instruction stream.
- 5    8.    A digital processing system as in claim 7 further comprising:  
      means for inserting into the new instruction stream an obfuscation code that  
              interrelates the parts from the operative instruction streams.
- 1    9.    A digital processing system as in claim 7 further comprising:  
2        means for transforming at least one of the parts after said breaking and before  
3                said interleaving.
- 1    10.   A digital processing system as in claim 9 wherein said transforming is such  
2        that the new instruction stream performs at least the same logical operations of  
3        one of the operative instruction streams.
- 1    11.   A digital processing system as in claim 7 further comprising:  
2        means for transforming one of the operative instruction streams before said  
3                breaking.
- 1    12.   A digital processing system as in claim 7 wherein two of the operative  
2        instruction streams are the same.

1 13. A machine readable media containing executable computer program  
2 instructions which when executed by a digital processing system cause said  
3 system to perform a method comprising:  
4 breaking each of at least two operative instruction streams into a plurality of  
5 parts;  
6 interleaving the parts into a new instruction stream.

1 14. A machine readable media as in claim 13 wherein the method further  
2 comprises:  
3 inserting into the new instruction stream an obfuscation code that interrelates  
4 the parts from the operative instruction streams.

1 15. A machine readable media as in claim 13 wherein the method further  
2 comprises:  
3 transforming at least one of the parts after said breaking and before said  
4 interleaving.

1 16. A machine readable media as in claim 15 wherein said transforming is such  
2 that the new instruction stream performs at least the same logical operations of  
3 one of the operative instruction streams.

1 17. A machine readable media as in claim 13 wherein the method further  
2 comprises:

3 transforming one of the operative instruction streams before said breaking.

1 18. A machine readable media as in claim 13 wherein two of the operative  
2 instruction streams are the same.

1 19. A processing system for combining computer instruction streams, said  
2 processing system comprising:  
3 a processor;  
4 a memory coupled to said processor, said memory storing at least two  
5 operative instruction streams, said processor breaking each of the  
6 streams into a plurality of parts, said processor interleaving the parts  
7 into a new instruction stream.

1 20. A processing system as in claim 19 wherein said processor inserts into the  
2 new instruction stream an obfuscation code that interrelates the parts from the  
3 operative instruction streams.

1 21. A processing system as in claim 19 wherein said processor transforms at least  
2 one of the parts after breaking each of the streams and before interleaving the  
3 parts.

1 22. A processing system as in claim 21 wherein said transforming is such that the  
2 new instruction stream performs at least the same logical operations of one of  
3 the operative instruction streams.

1    23.    A processing system as in claim 19 wherein said processor transforms one of  
2            the operative instruction streams before breaking each of the streams.

1    24.    A processing system as in claim 19 wherein two of the operative instruction  
2            streams are the same.

1    25.    A machine readable media containing an obfuscated instruction stream which  
2            is executable by a digital processing system, said obfuscated instruction  
3            stream is produced by a method comprising:  
4            breaking each of at least two operative instruction streams into a plurality of  
5                        parts;  
6            interleaving the parts into a new instruction stream.

1    26.    A machine readable media as in claim 25 wherein the method further  
2            comprises:  
3            inserting into the new instruction stream obfuscation codes that interrelate the  
4                        parts from the operative instruction streams.

1    27.    A machine readable media as in claim 25 wherein the method further  
2            comprises:  
3            transforming at least one of the parts after said breaking and before said  
4                        interleaving.

1 28. A machine readable media as in claim 27 wherein said transforming is such  
2 that the new instruction stream performs at least the same logical operations of  
3 one of the operative instruction streams.

1 29. A machine readable media as in claim 25 wherein the method further  
2 comprises:  
3 transforming the operative instruction streams before said breaking.

1 30. A machine readable media as in claim 25 wherein two of the operative  
2 instruction streams are the same.

1 31. A method comprising:  
2 storing an obfuscated stream;  
3 executing said obfuscated stream, wherein said obfuscated stream comprises  
4 parts which are interleaved, said parts having been taken from at least  
5 two operative instruction streams.

1 32. A method as in claim 31 wherein said obfuscated stream further comprises an  
2 obfuscation code that interrelates the parts from the operative instruction  
3 streams.

- 1 33. A method as in claim 31 wherein at least one of said parts has been  
2 transformed before said parts are interleaved and after said parts are taken  
3 from the operative instruction streams.
- 1 34. A method as in claim 31 wherein at least one of said parts has been so  
2 transformed before said parts are interleaved and after said parts are taken  
3 from the operative instruction streams that the obfuscated stream performs at  
4 least the same logical operations of one of the operative instruction streams.
- 1 35. A method as in claim 31 wherein one of the operative instruction streams has  
2 been transformed before said parts are taken from the operative instruction  
3 streams.
- 1 36. A method as in claim 31 wherein two of the operative instruction streams are  
2 the same.
- 1 37. A machine readable media containing executable computer program  
2 instructions which when executed by a digital processing system cause said  
3 system to perform a method comprising:  
4 storing an obfuscated stream;  
5 executing said obfuscated stream, wherein said obfuscated stream comprises  
6 parts which are interleaved, said parts having been taken from at least  
7 two operative instruction streams.

1 38. A machine readable media as in claim 37 wherein said obfuscated stream is  
2 stored temporarily in DRAM.

1 39. A machine readable media as in claim 37 wherein said obfuscated stream  
2 further comprises an obfuscation code that interrelates the parts from the  
3 operative instruction streams.

1 40. A machine readable media as in claim 39 wherein said obfuscated stream is  
2 stored temporarily in DRAM.

1 41. A machine readable media as in claim 37 wherein at least one of said parts has  
2 been transformed before said parts are interleaved and after said parts are  
3 taken from the operative instruction streams.

1 42. A machine readable media as in claim 41 wherein said obfuscated stream is  
2 stored temporarily in DRAM.

1 43. A machine readable media as in claim 37 wherein at least one of said parts has  
2 been so transformed before said parts are interleaved and after said parts are  
3 taken from the operative instruction streams that the obfuscated stream  
4 performs at least the same logical operations of one of the operative  
5 instruction streams.

1    44.    A machine readable media as in claim 37 wherein one of the operative  
2           instruction streams has been transformed before said parts are taken from the  
3           operative instruction streams.

1    45.    A machine readable media as in claim 44 wherein said obfuscated stream is  
2           stored temporarily in DRAM.

1    46.    A machine readable media as in claim 37 wherein two of the operative  
2           instruction streams are the same.

1    47.    A machine readable media as in claim 46 wherein said obfuscated stream is  
2           stored temporarily in DRAM.